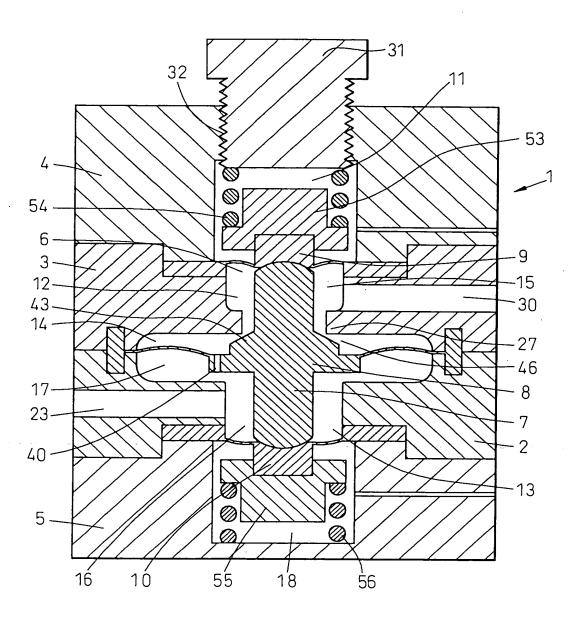
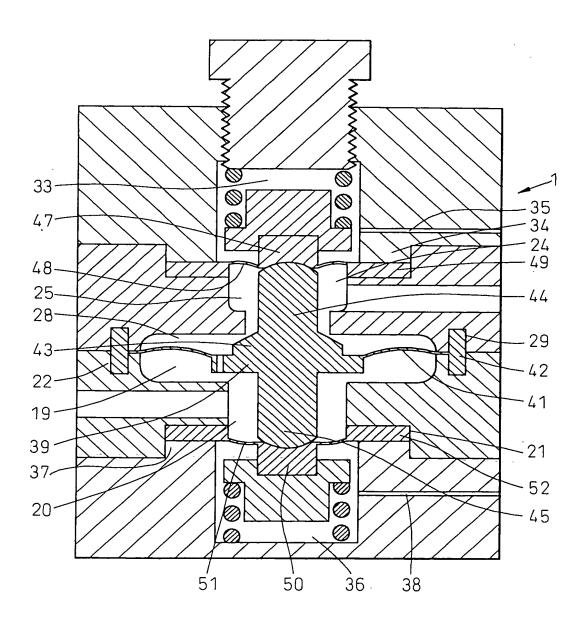
APPLN. FILING DATE: June 26, 2006
TITLE: CONSTANT FLOW VALVE
INVENTOR(S): KENRO YOSHINO ET AL.
ATTY. DKT. NO.: 1001560-000602 **SHEET 1 OF 10** 

Fig.1



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Fig.2



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Fig.3

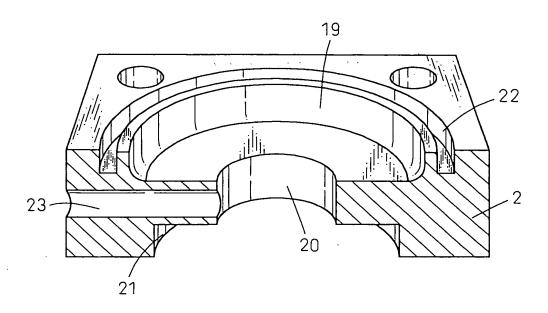
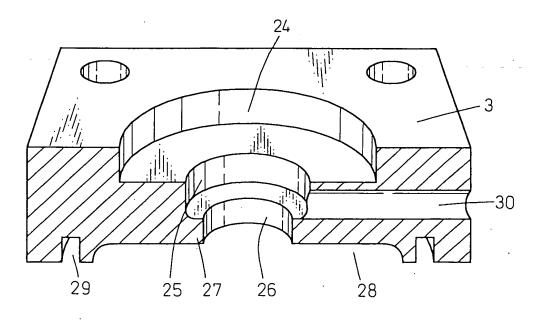
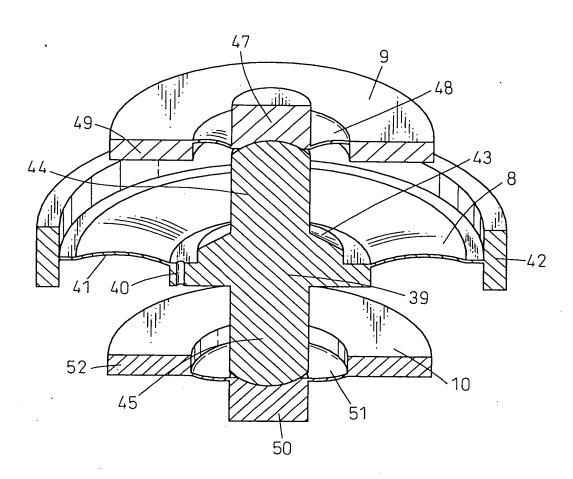


Fig.4



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INVENTOR(S): KENRO YOSHINO ET AL.
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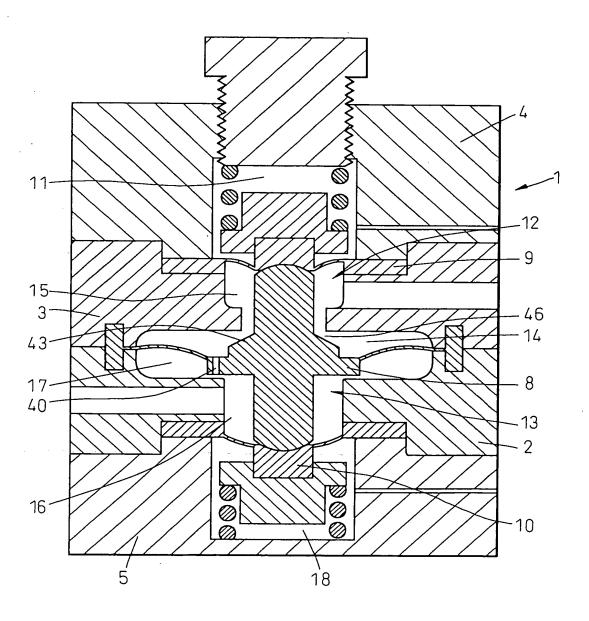
Fig.5



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INVENTOR(S): KENRO YOSHINO ET AL.
ATTY. DKT. NO.: 1001560-000602

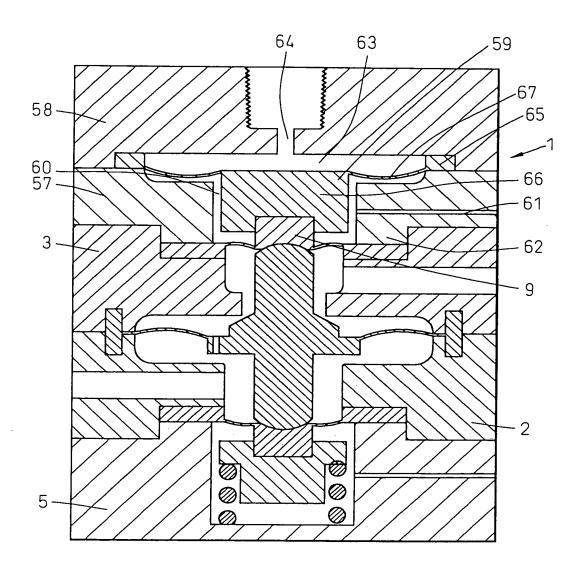
SHEET 5 OF 10

Fig.6



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TITLE: CONSTANT FLOW VALVE
INVENTOR(S): KENRO YOSHINO ET AL.
ATTY. DKT. NO.: 1001560-000602 SHEET 6 OF 10

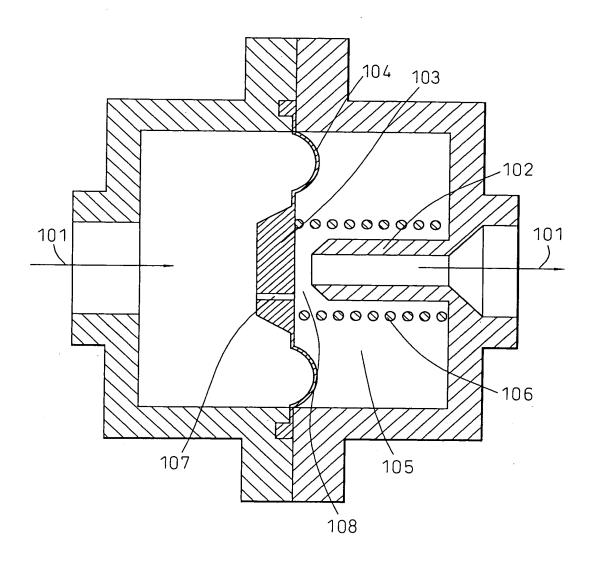
Fig.7



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TITLE: CONSTANT FLOW VALVE
INVENTOR(S): KENRO YOSHINO ET AL.
ATTY. DKT. NO.: 1001560-000602

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Fig. 8 PRIOR ART



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TITLE: CONSTANT FLOW VALVE

INVENTOR(S): KENRO YOSHINO ET AL. ATTY. DKT. NO.: 1001560-000602 SHEET 8 OF 10

## LIST OF REFERENCE CHARACTERS

- 1 Body unit
- 2 Body-A
- 3 Body-B
- 4 Body-C
- 5 Body-D
- 6 Chamber
- 7 Valve member
- 8 First diaphragm
- 9 Second diaphragm
- 10 Third diaphragm
- 11 First pressure chamber
- 12 Second valve chamber
- 13 First valve chamber
- 14 Bottom second valve chamber
- 15 Top second valve chamber
- 16 Bottom first valve chamber
- 17 Top first valve chamber
- 18 Second pressure chamber
- Top step difference 19
- 20 Hole
- 21 Bottom step difference
- 22 Ring-shaped groove
- 23 Inlet channel
- 24 Top step difference

## APPLN. FILING DATE: JUNE 26, 2006 TITLE: CONSTANT FLOW VALVE INVENTOR(S): KENRO YOSHINO ET AL. ATTY. DKT. NO.: 1001560-000602 SHEET 9 OF 10

- 25 Hole
- 26 Opening
- 27 Valve seat
- 28 Bottom step difference
- 29 Ring-shaped groove
- 30 Outlet channel
- 31 Bolt
- 32 Female thread
- 33 Hole (Bore)
- 34 Ring-shaped projection
- 35 Air vent
- 36 Hole (Bore)
- 37 Ring-shaped projection
- 38 Air vent
- 39 Thick part
- 40 Communication hole
- 41 Thin film
- 42 Ring-shaped rib
- 43 Valve body
- 44 Top rod
- 45 Bottom rod
- 46 Fluid control part
- 47 Thick part
- 48 Thin film
- 49 Ring-shaped seal

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TITLE: CONSTANT FLOW VALVE
INVENTOR(S): KENRO YOSHINO ET AL.
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- 50 Thick part
- 51 Thin film
- 52 Ring-shaped seal
- 53 Spring holder
- 54 Spring
- 55 Spring holder
- 56 Spring
- 57 Body-E
- 58 Body-F
- 59 Fourth diaphragm
- 60 Diaphragm chamber
- 61 Air vent
- 62 Ring-shaped projection
- 63 Air chamber
- 64 Air feed port
- 65 Cylindrical rib
- 66 Columnar part
- 67 Film